



EMODnet



European Marine
Observation and
Data Network

EMODnet Thematic Lot n°6 – Human Activities

EASME/EMFF/2016/1.3.1.2 – Lot 6/SI2.749458

Start date of the project: 03/03/2017 - (48 months)

EMODnet Phase III – Quarterly Progress Report (11)

Reporting Period: 01/01/2020 – 31/03/2020



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1. Highlights in this reporting period

Task 1: develop a common method of access to data held in repositories

- New data set on algae production facilities was submitted by the JRC via the Data Ingestion portal. The data set has now been georeferenced by the Human Activities team and will go live over the coming weeks.
- Fishing effort: the data set has been revised based on comments from the JRC. For the moment it is available on a test version of the Human Activities portal. Publication is expected in a couple of weeks.
- Fishing intensity: the shapefiles created by ICES have been imported into a test version of the Human Activities portal. At the moment, metadata are being written. Publication is expected in a couple of weeks.
- MSP: the first meeting of the MSP Data Experts Group will take place on 23 April 2020. The Human Activities team will present their work and put forward a harmonization proposal for the experts to review.

Task 2: construct products

- AIS data for 2019 were received from the provider. Update of vessel density maps is in progress

Task 3: develop procedures for machine-to-machine connections to data and data products

- The Service Metadata URL, Metadata URL and Data URL links have been added to the webservice get capabilities.

Task 4: maintain and further develop a thematic web portal

- HTTP compression has been turned off

Task 5: ensure the involvement of regional sea conventions

Nothing to report

Task 6: install a process to monitor performance and deal with user feedback

Nothing to report

Task 7: operate a help desk offering support to users

Nothing to report

2. Challenges encountered during the reporting period

List of all challenges encountered during the reporting period	
Main challenge	Measures taken
Military areas dataset: the spatial information compiled combine official sources with datasets available on online Platforms. In these platforms, for instance ArcGIS online the provider share the information but there is no explicit consent to share that information outside the online platform.	The data sources have been identified and contacted to obtain formal and written consent to use the data in EMODnet.
Aquaculture, Cultural Heritage: Few returns of data provider on new datasets and for updates of existing datasets	Reactivation of contacts and demands through email requests.

3. Identified issues: status and actions taken

A. Priority issue(s) identified and communicated by EASME/ DG MARE/ SECRETARIAT

Priority issue(s)	Status (Pending/Resolved)	Action(s) taken / remaining actions planned	Date due
INSPIRE metadata fields (metadata url - pointing to an xml end-point record - and data url - pointing to predefined download link) should be filled	Resolved	The Service Metadata URL, Metadata URL and Data URL links have been added to the webservice get capabilities.	
Switching off HTTP_compression on HTTPS websites	Resolved	HTTP compression switched off	

B. Other priority issue(s) identified by the thematic assembly group itself

Priority issue(s)	Status (Pending/Resolved)	Action(s) taken / remaining actions planned	Date due

4. User feedback

Overview of user feedback and/or requests received during the reporting period						
Date	Organisation	Type of user feedback (e.g. technical, case study, etc.) and short description of the feedback received	Response time	Status of user query: resolved/pending	Measures taken to resolve the query	Status: if not (yet) resolved/pending, explain reason why and expected timeline
02/01/2020	Individual	Technical (cables data set)	Immediate (live chat)	Resolved	Question answered	
08/01/2020	Individual	Technical (route density maps)	Immediate (live chat)	Resolved	Question answered	
08/01/2020	Individual	Technical (vessel density maps)	Immediate (live chat)	Resolved	User asked whether vessel density data could be made available for the period 2010-2015. It was explained that there is no such plan for the time being.	
09/01/2020	Individual	Technical (symbolizing raster files in QGIS)	Immediate (live chat)	Resolved	Explained how to do it.	
17/01/2020	Individual	Information on data (wind farms)	Immediate (live chat)	Solved	Explained how to download data	
23/01/2020	Individual	Technical (major ports)	Immediate (live chat)	Solved	Fixed an issue with download of ports data set	

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27/01/2020	EU Commission	Technical	Immediate (live chat)	Solved	Explained how to insert legend and scale in a map	
01/02/2020	Individual	Information on data (vessel density)	Same day (email)	Solved	Provided an explanation	
03/02/2020	Individual	Technical (vessel density)	Immediate (live chat)	Solved	Fixed a bug with WFS	
05/02/2020	Individual	Technical (aquaculture)	Same day (email)	Solved	Provided an explanation	
05/02/2020	Individual	Information on data (wind farms)	Same day (email)	Solved	Fixed a bug with WFS	
12/02/2020	Individual	Information on data (vessel density)	Immediate (live chat)	Solved	Provided explanation on vessel density data	
14/02/2020	Individual	Information on data (vessel density)	Immediate (live chat)	Solved	Provided explanation on vessel density data	
15/02/2020	Individual	Technical (vessel density)	Same day (email)	Solved	Provided an explanation	
17/02/2020	Individual	Technical	Immediate (live chat)	Solved	Provide an alternative link to download pipelines and cables	
02/03/2020	Individual	Information on data (wind farms)	Immediate (live chat)	Solved	Clarification on wind farm status	

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03/03/2020	Individual	Technical (download of route density maps)	Immediate (live chat)	Solved	Explained how to do it	
12/03/2020	Individual	User needed raw AIS data	Same day (email)	Solved		
13/03/2020	Individual	Technical (how to display country names in English on the map viewer)	Same day (email)	Solved	Explained that this depends on browser settings.	
18/03/2020	Individual	Technical (how to symbolize raster files in QGIS)	Same day (email)	Solved	Explained how to do it	

5. Meetings held/attended & planned

A. Meetings organised and attended				
Date	Location	Type event (meeting, training (workshop), etc.)	Meeting to be attended / organised	Short description and main expected outcomes
06/06/2020	DPMA – French Directorate for Marine Fisheries and Aquaculture	Meeting on mapping of shellfish farms and finfish production sites (marine and continental) in France	O	State of play of data collection and dissemination by French authorities and professional organisation (continental aquaculture)
SUM			O	Total # of meetings organised =
SUM			A	Total # of meetings attended =

B. Meetings planned in the future				
Date	Location	Type event (meeting, training (workshop), etc.)	Meeting Attended (A) / Organised (O)	Short description and main results (# participants, agreements made, etc.)

6. Outreach and communication activities

A. Outreach and communication activities			
Date	Communication action/ material	Short description (of the material, title, ...) and/or link to the activity	Main results

B. Planned outreach and communication activities			
Date	Communication action/ material	Short description (of the material, title, ...) and/or link to the activity	Main results expected
TBD	Blog post on new algae data set	The blog post will be a short interview with Rita Araújo from the JRC to explain what's new in the algae data set.	

List of known publications using EMODnet data or data products				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
January 2020	Ecological Indicators	Assessing marine ecosystem services richness and exposure to anthropogenic threats in small sea areas: A case study for the Lithuanian sea space	Daniel Depellegrin, Stefano Menegon, Laura Gusatu, Sanjoy Roy, Ieva Misiunė	n.a.

7. Monitoring indicators

Comments on the progress indicators in the excel template	
Progress indicator	Comment
1.1 Volume and coverage of all available acquired data	Nothing significant to report. Wind farms volumes went down because the data set was reorganized to remove duplicates (some wind farms were reported both as points and as polygons) and because some projects were cancelled.
1.2 Total number and the coverage of all built & external data products	Route density maps are updated each month, so their volume is bound to increase regularly. From this year, vessel density maps will also be updated more frequently, so the next progress report will show an increase in volume.
2. Overview of all organisations supplying and approached to supply data and data products within reporting period	Nothing to report.
3. Interfaces to access or view data	Nothing to report.
4. Usage of data and data products per interface and per theme	Vessel density maps and route density maps were updated in December, so downloads increased considerably. Vessel density remains by far the most downloaded data set / product.
5. Distribution of users that have used the portal's data and data products per organisation type and country, and their main use cases	Industry is now at 31%. For some reason, there were lots of downloads from the US.
6. External products (websites, apps, ...) built on top of web-services: update since last quarterly report	Nothing to report
7. Published use case and number of readings	Nothing to report
8. Portal and Social Media visibility	Upward trends probably due to the new release of updated vessel density maps and route density maps.
9.1 Technical monitoring	Nothing to report
9.2 Portal user-friendliness	Nothing to report
10. Visibility & Analytics for web pages	Upward trends probably due to the new release of updated vessel density maps and route density maps.
11. Visibility & Analytics for web sections	Nothing to report
12. Average visit duration for web pages	Nothing to report

The monitoring numbers reported as part of the progress monitoring of EMODnet performance are collected through Matomo. In some cases, numbers from other monitoring systems may also be reported (e.g. Awstats, Google Analytics). Each system uses different technical approaches and therefore has its strengths and shortcomings. Therefore, results are indicative and care should be taken with interpreting absolute numbers or comparing results from different tools. It is often more sensible to consider trends over time collected by the same monitoring tool.

8. Annex: Other documentation attached

[List in Annex if you wish to provide any additional information.]